

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. FS.F5520US1CP	APPLICATION NO. Unknown
	APPLICANT Yasushi Ishii	
	FILING DATE Filed Herewith	GROUP Unknown

J0997 U.S. PTO
 10/090421
 02/28/03

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
EC5		4,452,194	06/05/1984	Watanabe			
		4,735,046	04/05/1988	Iwai			
		4,848,082	07/18/1989	Takahashi et al.			
		4,900,282	02/13/1990	Takahashi et al.			
		5,174,112	12/29/1992	Sougawa et al.			
		5,239,825	08/31/1993	Shibata			
		5,280,708	01/25/1994	Sougawa et al.			
		5,378,180	01/03/1995	Nakayama et al.			
		5,743,774	04/28/1998	Adachi et al.			
		5,911,609	06/15/1999	Fujimoto et al.			
		5,911,610	06/15/1999	Fujimoto			

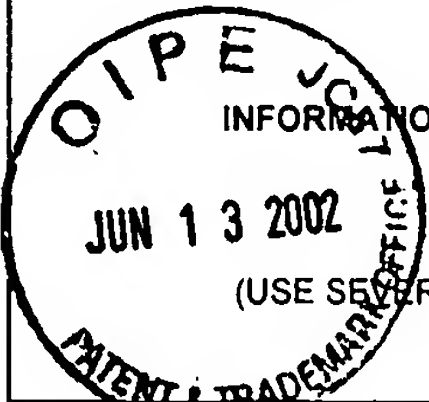
FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		04-260893	09/16/1992	Japan			X (abstract only)	
		06-193441 ✓	07/12/1994	Japan			X (abstract only)	
		07-189671 ✓	07/28/1995	Japan			X (abstract only)	
		09-049424 ✓	02/18/1997	Japan			X (abstract only)	
		2001-073750 ✓	03/21/2001	Japan			X (abstract only)	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

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EXAMINER	DATE CONSIDERED 8/7/03
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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. FS.F5520US1CP	APPLICATION NO. 10/090,421
	APPLICANT Ishii	
	FILING DATE February 28, 2002	GROUP 3617

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ELS		5,324,217	06/28/1994	Mineo			
		5,372,530	12/13/1994	Holtermann et al.			
		5,556,311	09/17/1996	Fujimoto			
		5,702,276	12/30/1997	Nakase et al.			
		5,822,985	10/20/1998	Yoshimura			
		6,053,785	04/25/2000	Kato et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		DE 42 34 682 A1	06/17/1993	Germany				X

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

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052102

EXAMINER	DATE CONSIDERED 8/7/03
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